

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Patent Application of:  
Ni et al.

Application No.: Not Yet Assigned

Confirmation No.:

Filed: Concurrently Herewith

Art Unit: N/A

For: T1-R Ligand III

Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure imposed by 37 C.F.R. § 1.56 to inform the Patent and Trademark Office of all references coming to the attention of each individual associated with the filing or prosecution of the subject application, which are or may be material to the patentability of a claim of the subject application, Attorneys for Applicants hereby direct the Examiner's attention to references AA-BE listed on the attached Form PTO/SB/08.

Copies of references AA-AZ and BB-BD were submitted by Applicants or cited by the Examiner in connection with U. S. Patent Application Serial No. 09/030,847, filed February 26, 1998, to which the instant application claims priority under 35 U.S.C. § 120, and copies of reference BA were submitted by Applicants or cited by the Examiner in connection with U. S. Patent Application Serial No. 10/215,088, filed August 9, 2002. Pursuant to 37 C.F.R. § 1.98(d), the Examiner is directed to the above-listed for copies of references AA-BD.

The above information is presented so that the Patent and Trademark Office can determine any materiality thereof to the claimed invention. See 37 CFR § 1.104(a) concerning the PTO duty to consider and use any such information. It is respectfully requested that the information be considered during the prosecution of this application.

Identification of the listed reference(s) is not to be construed as an admission of any individual associated with the filing or prosecution of the subject application that such references are available as "prior art" against the subject application. Furthermore, Applicants

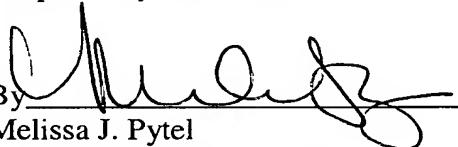
do not waive any rights to appropriate action to establish patentability over any of the listed documents should they be applied as references against the claims of the subject application.

Applicants respectfully request that the Examiner review the listed references and that the references be made of record in the file history of the application.

This Information Disclosure Statement accompanies the new patent application submitted herewith. Accordingly, no fee is believed due in connection herewith. However, should the Patent Office determine otherwise, please charge the required fee to Human Genome Sciences, Inc., Deposit Account No. 08-3425.

Dated: Feb. 11, 2004

Respectfully submitted,

By 

Melissa J. Pytel

Registration No.: 41,512  
HUMAN GENOME SCIENCES, INC.  
9410 Key West Avenue  
Rockville, Maryland 20850  
(301) 610-5764

Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Jian Ni
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	PF357C2

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA	5,576,191	11/19/1999	Gayle Margit et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	AB	WO 38311	9/3/1998			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	AC	Ahn et al., "The structural and functional diversity of dystrophin", Nature Genetics 3(4):283-291 (1993)	
	AD	Bork, P. et al., Go Hunting in Sequence Databases, But Watch Out for the Traps., Trends in Genetics, 12:425-427 (1996)	
	AE	Brenner, S. Errors in Genome Annotation, Trends in Genetics, 15:132-133 (1999)	
	AF	Cawthorn, et al., "cDNA Sequence and Genomic Structure of EV12B, a Gene Lying within an Intron of the Neurofibromatosis Type 1 Gene", Genomics 9(3):446-460 (1991)	
	AG	Gayle et al., "Cloning of a Putative Ligand for the T1/ST2 Receptor", J. Biol. Chem., 271(10):5784-5789 (1996)	
	AH	Harris et al., "Polycystic Kidney Disease 1: Identification and Analysis of the Primary Defect", J. of the Am Soc. Of Nephrology 6:1125-1133 (1995)	
	AI	Ahn et al., "The structural and functional diversity of dystrophin", Nature Genetics 3(4):283-291 (1993)	
	AJ	GeneSeq Accession No. T23643 Human gene signature HUMGS05506(1996)	
	AK	GeneSeq Accession No. T24968 Human gene signature HUMGS07086 (1996)	
	AL	GenBank Accession No. AA082277 Stratagene endothelial cell 937223 Homo sapiens cDNA clone IMAGE:550101 5' similar to TR:G1223892 G1223892 Putative T1/ST2 Receptor Binding Protein Precursor (1996)	
	AM	GenBank Accession No. R53890 Soares placenta Nb2HP Homo sapiens cDNA cone IMAGE:138141 5' (1995)	
	AN	GenBank Accession No. W45004 Soares_parathyroid_tumor_NbHPA Homo sapiens cDNA clone IMAGE:321428 5'(1996)	
	AO	GenBank Accession No. N88444 Human fetal heart, Lambda ZAP Express Homo sapiens cDNA clone K3409 5'(1996)	

Examiner Signature		Date Considered	
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Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Jian Ni
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	PF357C2
Sheet	2	of	2		

	AP	GenBank Accession No. N55487 Human fetal heart, Lambda ZAP Express Homo sapiens cDNA clone J3276 5' (1996)	
	AQ	GenBank Accession No. AA023224 Soares mouse placenta 4NbMP13.5 Mus musculus cDNA clone IMAGE:4565197 5', (1997)	
	AR	GenBank Accession No. R29350 22 week old human fetal liver cDNA library Homo sapiens cDNA clone F1-471D 5' (1999)	
	AS	GenBank Accession No. AA020489 Soares mouse placenta 4NbMP13.5 14.5 Mus musculus cDNA clone IMAGE:455457 5', similar to SW:YAA7_Yeast P39704 Hypothetical 24.1 KD Protein in SPO7-SSA1 Intergenic Region Precursor [1] (1997)	
	AT	GenBank Accession No. AA020432 Soares mouse placenta 4NbMP13.5 14.5 Mus musculus cDNA clone IMAGE:455380 5' similar to SW:YAA7_Yeast P39704 Hypothetical 24.1 KD Protein in SPO7-SSA1 Intergenic Region Precursor [1] (1997)	
	AU	GenBank Accession No. AA215037 Stratagene mouse melanoma (#937312) Mus musculus cDNA clone IMAGE:652232 5' (1997)	
	AV	GenBank Accession No. AA138141 Stratagene mouse melanoma (#937312) Mus musculus cDNA clone IMAGE:584581 5' similar to SW:P24_CRIGR P49020 Cop-coated vesicle membrane protein P24 precursor (1997)	
	AW	GenBank Accession No. AA063793 Soares mouse p3NMF19.5 Mus musculus cDNA clone IMAGE:483184 5' similar to SW:P24_CRIGR P49020 COP=Coated Vesicle Membrane Protein P24 Precursor(1996)	
	AX	GenBank Accession No. AA092786 Human fetal heart, Lambda ZAP Express Homo sapiens cDNA 5' (1996)	
	AY	GenBank Accession No. R53891 Soares placenta Nb2HP Homo sapiens cDNA clone IMAGE:138141 3' (1995)	
	AZ	GenBank Accession No. G02993 human STS WI-3489, sequence tagged site (1995)	
	BA	O'NEIL et al., "Signal transduction pathways activated by the IL-1 receptor family: ancient signaling machinery in mammals, insects, and plants", <i>J. Leukocyte Biology</i> 63:650-657 (1998)	
	BB	Skolnick, J. et al., From Genes to Protein Structure and Function: Novel Applications of Computational Approaches in the Genomic Era. <i>Trends in Biotechnology</i> , 18:34-39 (2000)	
	BC	Smith, T., et al., The Challenges of Genome Sequence Annotation or "The Devil is in the Details". <i>Nature Biotechnology</i> , 15:1222-1223 (1997)	
	BD	Stammes et al., "An integral membrane component of coatomer-coated transport vesicles defines a family of proteins involved in budding", <i>Proc. Natl. Acad. Sci.</i> 92:8011-8015 (1995)	

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<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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